EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|---|---------------------|--|---------------------|
| S1 | 43 | ((ROHRIG) near2 (PETER)). inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 14:21 |
| S2 | 20 | ("1972344" "2584359" "20020121525" "5240149" "5687882" "6223956" "6305570").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 14:26 |
| 83 | 12 | ("3360169" "4747518" "4785978" "5115950").PN. OR ("6223956").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/03/18 14:28 |
| S7 | 659 | *220/367.1*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | STEERING STEERING | 2009/03/18 15:45 |
| S20 | 1179 | "222/559".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON STATE OF THE ST | 2009/03/18 15:47 |
| S25 | 1585 | "222/505".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 15:48 |
| S26 | 115 | "220/715".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:05 |
| S27 | 288 | *220/714*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:10 |

| S28 | 181 | "220/711".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:14 |
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| S29 | 660 | "220/367.1".ccls. | US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:17 |
| S30 | 143 | S29 and valve | US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:17 |
| S31 | 125 | "220/203.11".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:19 |
| S32 | 151 | "220/203.01".ccls. | US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:21 |
| S33 | 401 | "215/388".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:23 |
| S34 | 220 | "215/387".ccls. | US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:28 |
| S35 | 446 | "215/260".ccls. | US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:32 |
| S36 | 294 | "215/270".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:39 |

| S37 | 129 | "215/271".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:43 |
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| S38 | 587 | "215/11.5".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:45 |
| S39 | 282 | "215/11.4".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:54 |
| S40 | 178 | "222/532".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:12 |
| S41 | 482 | *222/531*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:16 |
| S42 | 1179 | *222/559*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:21 |
| S43 | 372 | S42 and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:21 |
| S44 | 22 | S42 and membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:26 |
| S45 | 423 | "222/544".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:29 |

| S46 | 366 | "222/506".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:37 |
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| S47 | 1585 | "222/505".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:43 |
| S49 | 387 | S47 and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:43 |
| S48 | 22 | S47 and membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:43 |
| S51 | 102 | *220/203.23*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:51 |
| S50 | 79 | *220/203.24*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 15:51 |
| S52 | 186 | ("1732126" "1827100" "2001842" "2043186" "2061124" "2084099" "2122299" "2173827" "2219604" "2321236" "2249266" "2268841" "2624485" "2689234" "2745568" "2747573" "2772817" "2802251" "285739" "2876113" "2876772" "2876773" "2907485" "2979078" "2987209" "3126116" "3134494" "3207349" "3360169" "3411648" "3424157" "3411648" "3424157" "341500" "3593871" "3651973" "3704803" "4135513" "4339046" "4561570" "4747518" "4760937" | USPAT; USOCR | OA | ON | 2009/03/19 |

| | | [*4776495" *4785978" *4909416" *4946062" *4946062" *4946062" *5035340" *5071017" *5101991" *5105976" *5115950" *5213226" *5339995" *5213226" *5339995" *5409144" *5409144" *5439143" *5632420" *5632420" *5651471" *5702025" *5706973" *5839621" *5890620" *5897013" *5890621" *5890620" *6102245").FN. OR (*2610755" *570525" *570525" *570525" *5924605" *523956" *623956" *623956" *623956" *623956" *623951"). | | | | |
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| S53 | 2 | "20040112920" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 16:46 |
| S56 | 1538 | "222/482".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:52 |
| S54 | 1152 | "222/212".cols. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:52 |
| S58 | 1030 | "222/481".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:52 |
| S 55 | 338 | S54 and (snap snapp\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:52 |
| S57 | 134 | S56 and (snap snapp\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:52 |

| S60 | 696 | *222/498*.ocls. | US-PCIPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 0N | 2009/03/19 17:53 |
|-------------|-----|---|--|----|----|---------------------|
| S59 | 70 | S58 and (snap snapp\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:53 |
| S61 | 7 | S60 and membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 17:53 |
| S62 | 2 | EP-296004-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 18:05 |
| S64 | 8 | ("5115950" "4747518" "1880103").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 18:06 |
| S 63 | 2 | W O-9429187-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 18:06 |
| \$65 | 28 | (US-20040089626-\$ or US-20050087571-\$ (old. or (US-20050087571-\$) (old. or (US-2005008751-\$) (old. or (US-205008751-\$) (old. or (US-3360169-\$ or US-3360169-\$ or US-336938-\$ or US-4364379-\$ or US-43621931-\$ or US-5291018-\$ or US-620923-\$ or US-4446316-\$ or US-25908147-\$ or US-2582621-\$ or US-25747083-\$ or US-5924605-\$), old. or (US-2584359-\$ or US-21126-\$ or US-261755-\$ or US-26175-\$ or US-2617 | US-POPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2009/03/20 08:56 |

| S66 | 4 | (US-4747518-\$).did. or (US- 2219604-\$ or US-2717727-\$ or US-3337900-\$).did. | USPAT; USOCR | OR | ON | 2009/03/20 08:56 |
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| S103 | 1718 | (\$65 \$66 \$67 \$68 \$69 \$70 \$71 \$72 \$73 \$74 \$75 \$76 \$77 \$78 \$79 \$80 \$81 \$82 \$83 \$84 \$85 \$86 \$87 \$88 \$89 \$90 \$91 \$92 \$93 \$94 \$95 \$96 \$97 \$98 \$99 \$100 \$101 \$102) and (beverage drink\$3) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S72 | 1585 | "222/505".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S91 | 1585 | "222/505".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S97 | 1538 | "222/482".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S71 | 1179 | "222/559".cols. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S88 | 1179 | "222/559".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S96 | 1152 | "222/212".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S98 | 1030 | "222/481".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |

| S99 | 696 | "222/498".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
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| S70 | 660 | "220/367.1".cdls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S76 | 660 | "220/367.1".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S84 | 587 | "215/11.5".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S87 | 482 | "222/531".cols. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S81 | 446 | "215/260".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S89 | 423 | "222/544".ocls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S79 | 401 | "215/388".ocls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S90 | 366 | "222/506".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |

| S82 | 294 | "215/270".ccls. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
|-----|-----|--|---|----|----|---------------------|
| S74 | 288 | "220/714".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S85 | 282 | "215/11.4" .ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S80 | 220 | "215/387".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
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| S75 | 181 | *220/711*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | S | 2009/03/20 08:57 |
| S86 | 178 | *222/532*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S78 | 151 | 220/203.01".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 0 0 0 | 2009/03/20 08:57 |
| S83 | 129 | "215/271".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S77 | 125 | "220/203.11".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
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| S93 | 102 | "220/203.23".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S92 | 79 | "220/203.24".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |

| S67 | 43 | ((ROHRIG) near2 (PETER)). inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | <u>S</u> | 2009/03/20 08:57 |
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| S68 | 20 | ("1972344" "2584359" "20020121525" "5240149" "5687882" "6223956" "6305570").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S69 | 12 | ("3360169" "4747518" "4785978" "5115950").PN. OR ("6223956").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/20 08:57 |
| S102 | 8 | ("5115950" "4747518" "1880103").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S95 | 2 | "20040112920" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S100 | 2 | EP-296004-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S101 | 2 | WO-9429187-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:57 |
| S104 | 129 | S103 and mouth\$1piece | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 08:58 |
| S105 | 830 | S103 and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:01 |

| S107 | 552 | S103 and (snap snapp\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:01 |
|------|-----|---|---|----|----|---------------------|
| S106 | 91 | S104 and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:01 |
| S108 | 41 | \$107 and mouth\$1piece | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:01 |
| S109 | 306 | S107 and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:03 |
| S110 | 33 | \$109 and mouth\$1piece | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:04 |
| S111 | 514 | (\$65 \$66 \$67 \$68 \$69 \$70 \$71 \$72 \$73 \$74 \$75 \$76 \$77 \$78 \$79 \$80 \$81 \$62 \$83 \$84 \$85 \$86 \$87 \$88 \$89 \$90 \$91 \$92 \$93 \$94 \$95 \$96 \$97 \$98 \$99 \$100 \$101 \$102) and oval | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:54 |
| S112 | 202 | S111 and (beverage drink\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 09:54 |
| S113 | 103 | S112 and (snap snapp\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2009/03/20 09:55 |

| S114 | 158 | (\$65 \$66 \$67 \$68 \$69 \$70 \$71 \$72 \$73 \$74 \$75 \$76 \$77 \$78 \$79 \$90 \$81 \$82 \$83 \$94 \$95 \$95 \$90 \$91 \$92 \$93 \$94 \$95 \$95 \$97 \$98 \$97 \$98 \$99 \$100 \$101 \$102) and mouthpiece | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:18 |
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| S116 | 31 | *B65D*.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:35 |
| S117 | 24584 | pouring.ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:36 |
| S118 | 77 | S117 and automatically.ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:37 |
| S119 | 297998 | *B65D" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:42 |
| S120 | 6818 | S119 and pouring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:43 |
| S121 | 191 | S120 and automatically | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:43 |
| S122 | 74 | S121 and bottle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:43 |

| S123 | 292538 | S119 and @pd>="19701222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 00N | 2009/03/20 10:44 |
|------|--------|---|---|----|-----|---------------------|
| S124 | 3426 | S119 and @pd<="19721222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:44 |
| S125 | 165 | S124 and pouring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:45 |
| S126 | 29 | S125 and bottle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OZ | 2009/03/20 10:45 |
| S127 | 399 | S124 and bottle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:46 |
| S128 | 29 | S127 and pouring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 10:46 |
| S129 | 399 | (\$65 \$66 \$67 \$68 \$69 \$70 \$71 \$72 \$73 \$74 \$75 \$76 \$77 \$78 \$79 \$80 \$81 \$82 \$83 \$84 \$85 \$86 \$87 \$88 \$89 \$90 \$91 \$92 \$93 \$94 \$95 \$96 \$97 \$98 \$99 \$100 \$101 \$102) and (valve adj opening) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 |
| S131 | 323 | ((several plurality) near (valve adj opening)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 11:31 |

| S134 | 17 | S131 and "222".das. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 11:31 |
|------|------|--|---|----|----|---------------------|
| S130 | 4 | S129 and ((several plurality) near (valve adj opening)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 11:31 |
| S132 | 2 | \$131 and "220".das. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 11:31 |
| S133 | 2 | S131 and "215".das. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 |
| S135 | 14 | ("20020121525" "6305570" "5240149" "2344" "6223956" "5706973").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 12:55 |
| S136 | 2 | ("3655083").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 12:56 |
| S137 | 2 | W O-9526306-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/09 11:15 |
| S138 | 17 | ("3321114" "3232499" "4415097" "4747518" "5924605").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/09 11:16 |
| L2 | 1631 | "215/11.1".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:56 |

| L4 | 31 | 2 and (groove near5 (seal\$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | N. C. | 2010/01/07 11:56 |
|-----|------|--|---|----|---|---------------------|
| L10 | 1159 | *D9/447*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L5 | 788 | *215/386**.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L9 | 583 | "D9/449".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L7 | 319 | *220/703*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L8 | 237 | "220/202".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L6 | 11 | 5 and (groove near5 (seal\$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L11 | 10 | 10 and (groove near5 (seal \$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:57 |
| L12 | 898 | "D9/435" .ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:58 |

| L16 | 636 | *D7/398".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:58 |
|-----|-----|--|---|----|----|---------------------|
| L17 | 316 | *D7/397".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:58 |
| L13 | 5 | 12 and (groove near5 (seal \$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 11:58 |
| L19 | 28 | (US-20040099626-\$ or US-20050087571-\$), did, or (US-20050087571-\$), did, or (US-20050087571-\$), did, or (US-2005008751-\$), did, or (US-3360169-\$ or US-3369038-\$ or US-6864379-\$ or US-63291931-\$ or US-63291931-\$ or US-6329101-\$ or US-6329101-\$ or US-2008147-\$ or US-368261-\$ or US-2747083-\$ or US-5294605-\$), did, or (US-2584359-\$ or US-2411216-\$ or US-2980276-\$ or US-2610755-\$ or US-2745568-\$ or US-276910-\$), did, or (EP-400514-\$), did, or (EP-40514-\$), did, or (DS-28817571-\$), did. | US-PGP-UB; USPAT; USOOR; EPC; JPO; DERWENT | OA | ON | 2010/01/07 12:32 |
| L20 | 20 | (US-4747518-\$ or US- 4415097-\$ or US-5971225-\$ or US-59747083-\$ or US- 5924605-\$ or US-6068147-\$ or US-623956-\$ or US- 6230923-\$ or US-621931-\$). did, or (US-2219604-\$ or US- 2217727-\$ or US-3337900-\$ or US-2374092-\$ or US- 2372291-\$ or US-3321114-\$ or US-2610755-\$ or US- 2745568-\$ or US-3221991-\$ or US-3232499-\$), did, or (DE-2981757-\$), did, | USPAT; USOCR; DERWENT | OR | ON | 2010/01/07 12:32 |

| L18 | 10 | (US-5747083-\$ or US-6668147-\$ or US-6229356-\$ or US-6229351-\$), did. or (US-2610755-\$ or US-2745568-\$ or US-3120910-\$ or US-322499-\$), did. or (DE-29817571-\$), did. | USPAT; USOCR; DERWENT | OR | ON | 2010/01/07 12:32 |
|-----|------|--|---|----|-----|---------------------|
| L21 | 15 | (US-5747083-\$ or US- 5924605-\$ or US-6008147-\$ or US-6223956-\$ or US- 6230923-\$ or US-6321931-\$ or US-3232499-\$ or US-6321931-\$ or US-4747518-\$), idid. or (US- 2510755-\$ or US-2745568-\$ or US-3120910-\$ or US- 3232499-\$), idid. or (DE- 29817571-\$), idic. | USPAT; USOCR; DERWENT | OR | ON | 2010/01/07 12:33 |
| L29 | 1594 | "222/505".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | S S | 2010/01/07 12:34 |
| L48 | 1594 | "222/505".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L54 | 1539 | *222/482*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L28 | 1189 | "222/559".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L45 | 1189 | "222/559".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L53 | 1171 | "222/212".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |

| L55 | 1030 | *222/481**.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
|-----|------|------------------|---|----|----|---------------------|
| L56 | 697 | "222/498".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L27 | 682 | "220/367.1".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L33 | 682 | "220/367.1".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L41 | 596 | *215/11.5*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L44 | 483 | "222/531".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L38 | 446 | "215/260".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L46 | 426 | "222/544".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L36 | 409 | "215/388".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |

| L47 | 370 | "222/506".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
|-----|-----|---|---|----|----|---------------------|
| L31 | 308 | *220/714*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L39 | 297 | "215/270".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L42 | 291 | *215/11.4*.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L37 | 231 | *215/387**.cols. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L51 | 192 | ("1732126" "1827100" "2001842" "2043186" "206194" "2084099" "2122299" "2173627" "2219604" "2221236" "2242656" "2268841" "2624856" "2608841" "2624856" "2608841" "2747573" "2772817" "2805251" "2876773" "2876773" "2876772" "2876773" "2876773" "2876773" "2876773" "3411648" "3424157" "3411648" "3424157" "3415513" "3593871" "37648513" "4776495" "4769377" "4776495" "4769377" "4769576" "4909416" "4946062" "496075" "51159576" "51159576" "51159576" "5332366" "5312326" "5312326" "5312326" "5312326" "5312326" "5377777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "5777777" "577777" "5777777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "577777" "577877" "577877" "577877" "57777" "577877" | US-PGPUB; USPAT; USOCR | СЯ | ON | 2010/01/07 |

| | | "5409144" "5439143" "5542670" "5607073" "5632420" "5651711" "5702025" "5706973" "5899614" "5899619" "5899621" "5899621" "5897013" "5898425" "6050445" "6102245") FN. OR ("2610755" "2745568" "3232499" "5747083" "5824055" "6223956" "6230923" "6321931"). UPPN. | | | | |
|-----|-----|--|---|----|--------|---------------------|
| L32 | 191 | *220/711*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L43 | 178 | *222/532*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L35 | 159 | "220/203.01".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L40 | 130 | "215/271".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L34 | 126 | "220/203.11".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | S N | 2010/01/07 12:34 |
| L30 | 119 | *220/715*.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L50 | 104 | "220/203.23" .cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |

| L49 | 80 | *220/203.24".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | on | 2010/01/07 12:34 |
|------|----|---|---|------|----|---------------------|
| L24 | 47 | ((ROHRIG) near2 (PETER)). inv. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| 1.22 | 28 | (US-20040)89626-\$ or US- 2005087571-\$), did. or (US- 2005087571-\$), did. or (US- 20249161-\$ or US-6223956-\$ or US-3360169-\$ or US-6223956-\$ or US-3360169-\$ or US- 2393938-\$ or US-5964379-\$ or US-6321931-\$ or US- 2319849-\$ or US-6068147-\$ or US-3366261-\$ or US- 25747083-\$ or US-5924605-\$), did. or (US-2584359-\$ or US- 2411216-\$ or US-2980276-\$ or US-2610755-\$ or US- 2745568-\$ or US- 2745568-\$ or US-2764155-\$ or US-2695737-\$ or US- 2323499-\$ or US-312910-\$), did. or (EP-400514-\$), did. or (UP-3098822-\$), did. or (DE- 28917571-\$), did. | US-PGP-UB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2010/01/07 |
| L25 | 20 | ("1972344" "2584359" "20020121525" "5240149" "5687882" "6223956" "6305570").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L63 | 17 | ("3321114" "3232499" "4415097" "4747518" "5924605").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L60 | 14 | ("20020121525" "6305570" "5240149" "2344" "6223956" "5706973").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L26 | 12 | ("3360169" "4747518" "4785978" "5115950").PN. OR ("6223956").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:34 |

| L59 | 8 | ("5115950" "4747518" "1880103").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 0N | 2010/01/07 12:34 |
|-----|------|---|---|----|------|---------------------|
| L23 | 4 | (US-4747518-\$).did. or (US- 2219604-\$ or US-2717727-\$ or US-3337900-\$).did. | USPAT; USOCR | OR | ON | 2010/01/07 12:34 |
| L52 | 2 | "20040112920" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L57 | 2 | EP-296004-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L58 | 2 | WO-9429187-\$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 00 X | 2010/01/07 12:34 |
| L61 | 2 | ("3655083").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L62 | 2 | WO-9526306-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:34 |
| L64 | 2 | [2 5 10 12 7 8 9 16 17 18 19 20 21 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 156 159 160 161 162 163) and (bias\$3 adj | US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OX | 2010/01/07 12:34 |
| L65 | 1541 | (bias\$3 adj (groove wall)) | US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:36 |

| L66 | 42 | 65 and "220".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | Z 0 | 2010/01/07 12:36 |
|-----|-----|--|---|----|---|---------------------|
| L68 | 36 | 65 and "222".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:36 |
| L67 | 10 | 65 and "215".clas. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | Solomonomonomonomonomonomonomonomonomonom | 2010/01/07 12:36 |
| L71 | 421 | (2 5 10 12 7 8 9 16 17 18 19 20 21 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 154 164 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 152 153 134 (groove near5 (seal\$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:37 |
| L72 | 95 | 71 and bias\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:41 |
| L73 | 896 | (2 5 10 12 7 8 9 16 17 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 53 54 55 56) and @pd> = "20030120" | US-PGPUB | OR | ON | 2010/01/07 12:55 |
| L74 | 60 | 73 and (groove near5 (seal \$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:58 |
| L75 | 1 | 73 and (bias\$3 adj (groove wall)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 12:58 |

| L77 | 153 | "220/203.26".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 13:11 |
|-----|-----|--|---|----|----|---------------------|
| L79 | 74 | "220/203.19".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 13:11 |
| L76 | 68 | "220/203.28".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 13:11 |
| L78 | 18 | "220/203.25".cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 13:11 |
| L81 | 29 | (76 77 78 79) and (groove near5 (seal\$3 sealing\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/07 13:17 |
| L82 | 910 | (2 5 10 12 7 8 9 16 17 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 53 54 55 56 76 77 78 79) and @pd>="20030120" | US-PGPUB | OR | ON | 2010/01/07 13:18 |

1/7/2010 1:20:08 PM H:\ Workspaces\ 10-542307.wsp